

CLAMPING DEVICES

the lever being connected to the jig with a stud or pin, the face *B* of the cam, which is struck with the radius *R* from the center *C*, recedes or approaches the side of the work, thereby releasing it from, or clamping it against, the bottom or wall of the jig. The lever for the eccentric may be placed in any direction, as

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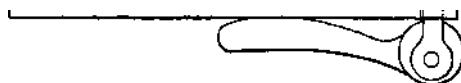


Fig. 50. Application of Clamping Cam

indicated by the full and dotted lines in Fig. 48. In Fig. 49 is shown another eccentric lever, which is used frequently on small work for holding down straps or leaves, or for pulling together two sliding pieces, or one sliding and one stationary part, which in their turn hold the work. These sliding pieces may be

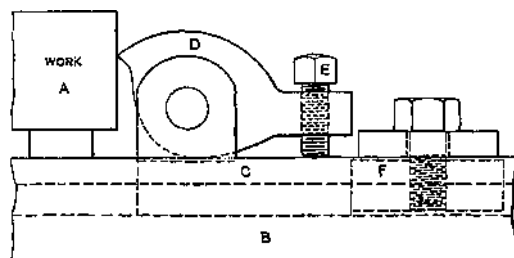


Fig. 51. The "Gripping Dog" Method of Clamping

V-blocks or some kind of jaws. The cam lever is attached to the jig body, the leaf, or the jaw, by a pin through hole *A*. The hook *B* engages the stud or pin *C* which is fastened in the opposite jaw or part, which is to be clamped to the part into which the pin through hole *A* is fastened. The variety of design of eccentric cam levers is so great that it is impossible to show more than the principles, but the examples shown